

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2008

[Rates are per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision* (ICD-10), Second Edition; see "Technical Notes"]

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, both sexes, all ages ³					All races, both sexes, 10-14 years				
...	All causes	2,471,984	100.0	813.0	...	All causes	3,149	100.0	15.7
1	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	616,828	25.0	202.9	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,024	32.5	5.1
2	Malignant neoplasms (C00-C97)	565,469	22.9	186.0	2	Malignant neoplasms (C00-C97)	433	13.8	2.2
3	Chronic lower respiratory diseases (J40-J47)	141,090	5.7	46.4	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	215	6.8	1.1
4	Cerebrovascular diseases (I60-I69)	134,148	5.4	44.1	4	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	207	6.6	1.0
5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	121,902	4.9	40.1	5	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	161	5.1	0.8
6	Alzheimer's disease (G30)	82,435	3.3	27.1	6	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	132	4.2	0.7
7	Diabetes mellitus (E10-E14)	70,553	2.9	23.2	7	Chronic lower respiratory diseases (J40-J47)	64	2.0	0.3
8	Influenza and pneumonia (J09-J18) ⁴	56,284	2.3	18.5	8	Cerebrovascular diseases (I60-I69)	56	1.8	0.3
9	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	48,237	2.0	15.9	9	Influenza and pneumonia (J09-J18) ⁴	49	1.6	0.2
10	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	36,035	1.5	11.9	10	Septicemia (A40-A41)	36	1.1	0.2
...	All other causes (residual)	599,003	24.2	197.0	...	All other causes (residual)	772	24.5	3.8
All races, both sexes, 1-4 years					All races, both sexes, 15-19 years				
...	All causes	4,730	100.0	28.3	...	All causes	12,407	100.0	57.7
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,469	31.1	8.8	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	5,541	44.7	25.8
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	521	11.0	3.1	2	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	2,095	16.9	9.7
3	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	421	8.9	2.5	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1,604	12.9	7.5
4	Malignant neoplasms (C00-C97)	394	8.3	2.4	4	Malignant neoplasms (C00-C97)	685	5.5	3.2
5	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	186	3.9	1.1	5	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	363	2.9	1.7
6	Influenza and pneumonia (J09-J18) ⁴	142	3.0	0.9	6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	230	1.9	1.1
7	Septicemia (A40-A41)	93	2.0	0.6	7	Cerebrovascular diseases (I60-I69)	72	0.6	0.3
8	Cerebrovascular diseases (I60-I69)	63	1.3	0.4	8	Chronic lower respiratory diseases (J40-J47)	71	0.6	0.3
9	Chronic lower respiratory diseases (J40-J47)	54	1.1	0.3	9	Influenza and pneumonia (J09-J18) ⁴	64	0.5	0.3
10	Certain conditions originating in the perinatal period (P00-P96)	51	1.1	0.3	10	Septicemia (A40-A41)	54	0.4	0.3
...	All other causes (residual)	1,336	28.2	8.0	...	All other causes (residual)	1,628	13.1	7.6
All races, both sexes, 5-9 years					All races, both sexes, 20-24 years				
...	All causes	2,502	100.0	12.5	...	All causes	19,791	100.0	94.0
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	835	33.4	4.2	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	8,548	43.2	40.6
2	Malignant neoplasms (C00-C97)	457	18.3	2.3	2	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	3,180	16.1	15.1
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	170	6.8	0.8	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	2,694	13.6	12.8
4	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	113	4.5	0.6	4	Malignant neoplasms (C00-C97)	978	4.9	4.6
5	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	97	3.9	0.5	5	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	702	3.5	3.3
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	59	2.4	0.3	6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	237	1.2	1.1
7	Chronic lower respiratory diseases (J40-J47)	55	2.2	0.3	7	Diabetes mellitus (E10-E14)	152	0.8	0.7
8	Cerebrovascular diseases (I60-I69)	41	1.6	0.2	8	Influenza and pneumonia (J09-J18) ⁴	142	0.7	0.7
9	Influenza and pneumonia (J09-J18) ⁴	40	1.6	0.2	9	Human immunodeficiency virus (HIV) disease (B20-B24)	140	0.7	0.7
10	Septicemia (A40-A41)	25	1.0	0.1	10	Pregnancy, childbirth and the puerperium (O00-O99)	128	0.6	0.6
...	All other causes (residual)	610	24.4	3.0	...	All other causes (residual)	2,890	14.6	13.7

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2008—Con.

[Rates are per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision* (ICD-10), Second Edition; see "Technical Notes"]

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, both sexes, 25-34 years					All races, both sexes, 55-64 years				
...	All causes	42,275	100.0	103.3	...	All causes	296,182	100.0	879.2
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	14,588	34.5	35.6	1	Malignant neoplasms (C00-C97)	104,091	35.1	309.0
2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	5,300	12.5	12.9	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	66,711	22.5	198.0
3	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	4,610	10.9	11.3	3	Chronic lower respiratory diseases (J40-J47)	14,042	4.7	41.7
4	Malignant neoplasms (C00-C97)	3,521	8.3	8.6	4	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	12,782	4.3	37.9
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	3,254	7.7	7.9	5	Diabetes mellitus (E10-E14)	11,370	3.8	33.8
6	Human immunodeficiency virus (HIV) disease (B20-B24)	975	2.3	2.4	6	Cerebrovascular diseases (I60-I69)	10,459	3.5	31.0
7	Diabetes mellitus (E10-E14)	574	1.4	1.4	7	Chronic liver disease and cirrhosis (K70,K73-K74)	8,526	2.9	25.3
8	Cerebrovascular diseases (I60-I69)	539	1.3	1.3	8	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	5,465	1.8	16.2
9	Chronic liver disease and cirrhosis (K70,K73-K74)	423	1.0	1.0	9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	4,803	1.6	14.3
10	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	379	0.9	0.9	10	Septicemia (A40-A41)	4,552	1.5	13.5
...	All other causes (residual)	8,112	19.2	19.8	...	All other causes (residual)	53,381	18.0	158.5
All races, both sexes, 35-44 years					All races, both sexes, 65 years and over				
...	All causes	76,370	100.0	179.7	...	All causes	1,799,830	100.0	4,630.4
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	16,065	21.0	37.8	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	495,730	27.5	1,275.4
2	Malignant neoplasms (C00-C97)	12,699	16.6	29.9	2	Malignant neoplasms (C00-C97)	391,729	21.8	1,007.8
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	11,336	14.8	26.7	3	Chronic lower respiratory diseases (J40-J47)	121,223	6.7	311.9
4	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	6,703	8.8	15.8	4	Cerebrovascular diseases (I60-I69)	114,508	6.4	294.6
5	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	2,906	3.8	6.8	5	Alzheimer's disease (G30)	81,573	4.5	209.9
6	Human immunodeficiency virus (HIV) disease (B20-B24)	2,838	3.7	6.7	6	Diabetes mellitus (E10-E14)	50,883	2.8	130.9
7	Chronic liver disease and cirrhosis (K70,K73-K74)	2,562	3.4	6.0	7	Influenza and pneumonia (J09-J18) ⁴	48,382	2.7	124.5
8	Cerebrovascular diseases (I60-I69)	2,035	2.7	4.8	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	39,921	2.2	102.7
9	Diabetes mellitus (E10-E14)	1,854	2.4	4.4	9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	39,359	2.2	101.3
10	Septicemia (A40-A41)	892	1.2	2.1	10	Septicemia (A40-A41)	27,028	1.5	69.5
...	All other causes (residual)	16,480	21.6	38.8	...	All other causes (residual)	389,494	21.6	1,002.1
All races, both sexes, 45-54 years					All races, both sexes, 65-74 years				
...	All causes	186,542	100.0	420.4	...	All causes	401,579	100.0	1,995.6
1	Malignant neoplasms (C00-C97)	50,403	27.0	113.6	1	Malignant neoplasms (C00-C97)	141,159	35.2	701.5
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	37,892	20.3	85.4	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	90,520	22.5	449.8
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	20,354	10.9	45.9	3	Chronic lower respiratory diseases (J40-J47)	31,975	8.0	158.9
4	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	8,287	4.4	18.7	4	Cerebrovascular diseases (I60-I69)	17,897	4.5	88.9
5	Chronic liver disease and cirrhosis (K70,K73-K74)	8,220	4.4	18.5	5	Diabetes mellitus (E10-E14)	15,315	3.8	76.1
6	Cerebrovascular diseases (I60-I69)	6,112	3.3	13.8	6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	8,994	2.2	44.7
7	Diabetes mellitus (E10-E14)	5,622	3.0	12.7	7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	8,182	2.0	40.7
8	Chronic lower respiratory diseases (J40-J47)	4,392	2.4	9.9	8	Septicemia (A40-A41)	6,448	1.6	32.0
9	Human immunodeficiency virus (HIV) disease (B20-B24)	3,730	2.0	8.4	9	Influenza and pneumonia (J09-J18) ⁴	6,252	1.6	31.1
10	Viral hepatitis (B15-B19)	2,732	1.5	6.2	10	Chronic liver disease and cirrhosis (K70,K73-K74)	5,395	1.3	26.8
...	All other causes (residual)	38,798	20.8	87.4	...	All other causes (residual)	69,442	17.3	345.1

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All races, both sexes, 75–84 years					All races, male, 1–4 years				
...	All causes	653,560	100.0	5,017.7	...	All causes	2,693	100.0	31.5
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	166,286	25.4	1,276.7	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	903	33.5	10.6
2	Malignant neoplasms (C00–C97)	160,960	24.6	1,235.8	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	273	10.1	3.2
3	Chronic lower respiratory diseases (J40–J47)	51,700	7.9	396.9	3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	234	8.7	2.7
4	Cerebrovascular diseases (I60–I69)	40,963	6.3	314.5	4	Malignant neoplasms (C00–C97)	218	8.1	2.6
5	Alzheimer's disease (G30)	25,172	3.9	193.3	5	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	97	3.6	1.1
6	Diabetes mellitus (E10–E14)	20,037	3.1	153.8	6	Influenza and pneumonia (J09–J18) ⁴	69	2.6	0.8
7	Influenza and pneumonia (J09–J18) ⁴	15,512	2.4	119.1	7	Septicemia (A40–A41)	42	1.6	0.5
8	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	14,819	2.3	113.8	8	Chronic lower respiratory diseases (J40–J47)	32	1.2	0.4
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	13,827	2.1	106.2	9	Cerebrovascular diseases (I60–I69)	29	1.1	0.3
10	Septicemia (A40–A41)	10,717	1.6	82.3	10	Certain conditions originating in the perinatal period (P00–P96)	27	1.0	0.3
...	All other causes (residual)	133,567	20.4	1,025.5	...	All other causes (residual)	769	28.6	9.0
All races, both sexes, 85 years and over					All races, male, 5–9 years				
...	All causes	744,691	100.0	13,015.1	...	All causes	1,396	100.0	13.6
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	238,924	32.1	4,175.7	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	507	36.3	4.9
2	Malignant neoplasms (C00–C97)	89,610	12.0	1,566.1	2	Malignant neoplasms (C00–C97)	226	16.2	2.2
3	Cerebrovascular diseases (I60–I69)	55,648	7.5	972.6	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	93	6.7	0.9
4	Alzheimer's disease (G30)	52,075	7.0	910.1	4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	62	4.4	0.6
5	Chronic lower respiratory diseases (J40–J47)	37,548	5.0	656.2	5	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	53	3.8	0.5
6	Influenza and pneumonia (J09–J18) ⁴	26,618	3.6	465.2	6	Chronic lower respiratory diseases (J40–J47)	39	2.8	0.4
7	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	16,920	2.3	295.7	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	31	2.2	0.3
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	16,538	2.2	289.0	8	Influenza and pneumonia (J09–J18) ⁴	26	1.9	0.3
9	Diabetes mellitus (E10–E14)	15,531	2.1	271.4	9	Cerebrovascular diseases (I60–I69)	24	1.7	0.2
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	11,189	1.5	195.6	10	Septicemia (A40–A41)	14	1.0	*
...	All other causes (residual)	184,090	24.7	3,217.4	...	All other causes (residual)	321	23.0	3.1
All races, male, all ages ³					All races, male, 10–14 years				
...	All causes	1,226,197	100.0	817.9	...	All causes	1,884	100.0	18.4
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	311,201	25.4	207.6	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	682	36.2	6.6
2	Malignant neoplasms (C00–C97)	295,259	24.1	196.9	2	Malignant neoplasms (C00–C97)	228	12.1	2.2
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	78,378	6.4	52.3	3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	149	7.9	1.5
4	Chronic lower respiratory diseases (J40–J47)	67,122	5.5	44.8	4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	133	7.1	1.3
5	Cerebrovascular diseases (I60–I69)	53,525	4.4	35.7	5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	81	4.3	0.8
6	Diabetes mellitus (E10–E14)	35,346	2.9	23.6	6	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	75	4.0	0.7
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	28,450	2.3	19.0	7	Chronic lower respiratory diseases (J40–J47)	30	1.6	0.3
8	Influenza and pneumonia (J09–J18) ⁴	25,571	2.1	17.1	8	Cerebrovascular diseases (I60–I69)	25	1.3	0.2
9	Alzheimer's disease (G30)	24,516	2.0	16.4	9	Influenza and pneumonia (J09–J18) ⁴	21	1.1	0.2
10	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	23,533	1.9	15.7	10	Septicemia (A40–A41)	16	0.8	*
...	All other causes (residual)	283,296	23.1	189.0	...	All other causes (residual)	444	23.6	4.3

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All races, male, 15–19 years					All races, male, 35–44 years				
...	All causes	8,958	100.0	81.2	...	All causes	47,686	100.0	223.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,942	44.0	35.7	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11,322	23.7	53.1
2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,809	20.2	16.4	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	7,852	16.5	36.8
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,284	14.3	11.6	3	Malignant neoplasms (C00–C97)	5,492	11.5	25.8
4	Malignant neoplasms (C00–C97)	410	4.6	3.7	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,125	10.7	24.0
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	244	2.7	2.2	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,248	4.7	10.5
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	145	1.6	1.3	6	Human immunodeficiency virus (HIV) disease (B20–B24)	1,947	4.1	9.1
7	Cerebrovascular diseases (I60–I69)	42	0.5	0.4	7	Chronic liver disease and cirrhosis (K70,K73–K74)	1,685	3.5	7.9
8	Chronic lower respiratory diseases (J40–J47)	40	0.4	0.4	8	Diabetes mellitus (E10–E14)	1,143	2.4	5.4
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	38	0.4	0.3	9	Cerebrovascular diseases (I60–I69)	1,083	2.3	5.1
10	Influenza and pneumonia (J09–J18) ^d	33	0.4	0.3	10	Influenza and pneumonia (J09–J18) ^d	486	1.0	2.3
...	All other causes (residual)	971	10.8	8.8	...	All other causes (residual)	9,303	19.5	43.6
All races, male, 20–24 years					All races, male, 45–54 years				
...	All causes	15,069	100.0	138.9	...	All causes	115,038	100.0	526.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,687	44.4	61.7	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	26,871	23.4	123.0
2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,764	18.3	25.5	2	Malignant neoplasms (C00–C97)	25,725	22.4	117.7
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	2,276	15.1	21.0	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	13,882	12.1	63.5
4	Malignant neoplasms (C00–C97)	611	4.1	5.6	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6,246	5.4	28.6
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	491	3.3	4.5	5	Chronic liver disease and cirrhosis (K70,K73–K74)	5,779	5.0	26.4
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	140	0.9	1.3	6	Diabetes mellitus (E10–E14)	3,492	3.0	16.0
7	Diabetes mellitus (E10–E14)	99	0.7	0.9	7	Cerebrovascular diseases (I60–I69)	3,346	2.9	15.3
8	Influenza and pneumonia (J09–J18) ^d	91	0.6	0.8	8	Human immunodeficiency virus (HIV) disease (B20–B24)	2,757	2.4	12.6
9	Human immunodeficiency virus (HIV) disease (B20–B24)	82	0.5	0.8	9	Chronic lower respiratory diseases (J40–J47)	2,212	1.9	10.1
10	Cerebrovascular diseases (I60–I69)	68	0.5	0.6	10	Viral hepatitis (B15–B19)	1,958	1.7	9.0
...	All other causes (residual)	1,760	11.7	16.2	...	All other causes (residual)	22,770	19.8	104.2
All races, male, 25–34 years					All races, male, 55–64 years				
...	All causes	29,635	100.0	141.8	...	All causes	179,550	100.0	1,104.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11,223	37.9	53.7	1	Malignant neoplasms (C00–C97)	57,542	32.0	354.1
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,273	14.4	20.4	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	46,270	25.8	284.7
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	3,895	13.1	18.6	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	8,891	5.0	54.7
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,176	7.3	10.4	4	Chronic lower respiratory diseases (J40–J47)	7,363	4.1	45.3
5	Malignant neoplasms (C00–C97)	1,770	6.0	8.5	5	Diabetes mellitus (E10–E14)	6,692	3.7	41.2
6	Human immunodeficiency virus (HIV) disease (B20–B24)	606	2.0	2.9	6	Chronic liver disease and cirrhosis (K70,K73–K74)	6,108	3.4	37.6
7	Diabetes mellitus (E10–E14)	323	1.1	1.5	7	Cerebrovascular diseases (I60–I69)	5,852	3.3	36.0
8	Cerebrovascular diseases (I60–I69)	296	1.0	1.4	8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,245	2.4	26.1
9	Chronic liver disease and cirrhosis (K70,K73–K74)	287	1.0	1.4	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,673	1.5	16.4
10	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	209	0.7	1.0	10	Septicemia (A40–A41)	2,414	1.3	14.9
...	All other causes (residual)	4,577	15.4	21.9	...	All other causes (residual)	31,500	17.5	193.8

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2008—Con.

[Rates are per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision* (ICD-10), Second Edition; see "Technical Notes"]

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, male, 65 years and over					All races, male, 85 years and over				
...	All causes	808,517	100.0	4,910.6	...	All causes	261,221	100.0	14,017.3
1	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	226,837	28.1	1,377.7	1	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	84,530	32.4	4,535.9
2	Malignant neoplasms (C00-C97)	202,983	25.1	1,232.8	2	Malignant neoplasms (C00-C97)	40,645	15.6	2,181.0
3	Chronic lower respiratory diseases (J40-J47)	56,809	7.0	345.0	3	Cerebrovascular diseases (I60-I69)	16,050	6.1	861.3
4	Cerebrovascular diseases (I60-I69)	42,689	5.3	259.3	4	Chronic lower respiratory diseases (J40-J47)	15,533	5.9	833.5
5	Alzheimer's disease (G30)	24,128	3.0	146.5	5	Alzheimer's disease (G30)	13,043	5.0	699.9
6	Diabetes mellitus (E10-E14)	23,543	2.9	143.0	6	Influenza and pneumonia (J09-J18) ⁴	9,908	3.8	531.7
7	Influenza and pneumonia (J09-J18) ⁴	21,086	2.6	128.1	7	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	7,015	2.7	376.4
8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	19,592	2.4	119.0	8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	6,559	2.5	352.0
9	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	18,821	2.3	114.3	9	Diabetes mellitus (E10-E14)	5,681	2.2	304.8
10	Parkinson's disease (G20-G21)	11,651	1.4	70.8	10	Parkinson's disease (G20-G21)	4,229	1.6	226.9
...	All other causes (residual)	160,378	19.8	974.1	...	All other causes (residual)	58,028	22.2	3,113.8
All races, male, 65-74 years					All races, female, all ages ³				
...	All causes	225,400	100.0	2,432.8	...	All causes	1,245,787	100.0	808.2
1	Malignant neoplasms (C00-C97)	77,626	34.4	837.8	1	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	305,627	24.5	198.3
2	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	56,442	25.0	609.2	2	Malignant neoplasms (C00-C97)	270,210	21.7	175.3
3	Chronic lower respiratory diseases (J40-J47)	16,139	7.2	174.2	3	Cerebrovascular diseases (I60-I69)	80,623	6.5	52.3
4	Cerebrovascular diseases (I60-I69)	9,274	4.1	100.1	4	Chronic lower respiratory diseases (J40-J47)	73,968	5.9	48.0
5	Diabetes mellitus (E10-E14)	8,342	3.7	90.0	5	Alzheimer's disease (G30)	57,919	4.6	37.6
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	5,709	2.5	61.6	6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	43,524	3.5	28.2
7	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	4,303	1.9	46.4	7	Diabetes mellitus (E10-E14)	35,207	2.8	22.8
8	Influenza and pneumonia (J09-J18) ⁴	3,452	1.5	37.3	8	Influenza and pneumonia (J09-J18) ⁴	30,713	2.5	19.9
9	Chronic liver disease and cirrhosis (K70,K73-K74)	3,380	1.5	36.5	9	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	24,704	2.0	16.0
10	Septicemia (A40-A41)	3,219	1.4	34.7	10	Septicemia (A40-A41)	19,599	1.6	12.7
...	All other causes (residual)	37,514	16.6	404.9	...	All other causes (residual)	303,693	24.4	197.0
All races, male, 75-84 years					All races, female, 1-4 years				
...	All causes	321,896	100.0	6,032.2	...	All causes	2,037	100.0	25.0
1	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	85,865	26.7	1,609.1	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	566	27.8	6.9
2	Malignant neoplasms (C00-C97)	84,712	26.3	1,587.5	2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	248	12.2	3.0
3	Chronic lower respiratory diseases (J40-J47)	25,137	7.8	471.1	3	Assault (homicide) . . . (*U01-U02,X85-Y09,Y87.1)	187	9.2	2.3
4	Cerebrovascular diseases (I60-I69)	17,365	5.4	325.4	4	Malignant neoplasms (C00-C97)	176	8.6	2.2
5	Diabetes mellitus (E10-E14)	9,520	3.0	178.4	5	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	89	4.4	1.1
6	Alzheimer's disease (G30)	9,219	2.9	172.8	6	Influenza and pneumonia (J09-J18) ⁴	73	3.6	0.9
7	Influenza and pneumonia (J09-J18) ⁴	7,726	2.4	144.8	7	Septicemia (A40-A41)	51	2.5	0.6
8	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	7,503	2.3	140.6	8	Cerebrovascular diseases (I60-I69)	34	1.7	0.4
9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	7,324	2.3	137.2	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	25	1.2	0.3
10	Parkinson's disease (G20-G21)	5,774	1.8	108.2	10	Certain conditions originating in the perinatal period (P00-P96)	24	1.2	0.3
...	All other causes (residual)	61,751	19.2	1,157.2	...	All other causes (residual)	564	27.7	6.9

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2008—Con.

[Rates are per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see "Technical Notes." An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision* (ICD-10), Second Edition; see "Technical Notes"]

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, female, 5-9 years					All races, female, 20-24 years				
...	All causes	1,106	100.0	11.3	...	All causes	4,722	100.0	46.2
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	328	29.7	3.3	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,861	39.4	18.2
2	Malignant neoplasms (C00-C97)	231	20.9	2.4	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	418	8.9	4.1
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	77	7.0	0.8	3	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	416	8.8	4.1
4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	51	4.6	0.5	4	Malignant neoplasms (C00-C97)	367	7.8	3.6
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	44	4.0	0.4	5	Diseases of heart (I00-I09,I11,I13,I20-I51)	211	4.5	2.1
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	28	2.5	0.3	6	Pregnancy, childbirth and the puerperium (O00-O99)	128	2.7	1.3
7	Cerebrovascular diseases (I60-I69)	17	1.5	*	7	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	97	2.1	0.9
8	Chronic lower respiratory diseases (J40-J47)	16	1.4	*	8	Human immunodeficiency virus (HIV) disease (B20-B24)	58	1.2	0.6
9	Influenza and pneumonia (J09-J18) ^d	14	1.3	*	9	Septicemia (A40-A41)	53	1.1	0.5
9	Certain conditions originating in the perinatal period (P00-P96)	14	1.3	*	9	Diabetes mellitus (E10-E14)	53	1.1	0.5
...	All other causes (residual)	286	25.9	2.9	...	All other causes (residual)	1,060	22.4	10.4
All races, female, 10-14 years					All races, female, 25-34 years				
...	All causes	1,265	100.0	12.9	...	All causes	12,640	100.0	63.1
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	342	27.0	3.5	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,365	26.6	16.8
2	Malignant neoplasms (C00-C97)	205	16.2	2.1	2	Malignant neoplasms (C00-C97)	1,751	13.9	8.7
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	80	6.3	0.8	3	Diseases of heart (I00-I09,I11,I13,I20-I51)	1,078	8.5	5.4
4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	74	5.8	0.8	4	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1,027	8.1	5.1
5	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	66	5.2	0.7	5	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	715	5.7	3.6
6	Diseases of heart (I00-I09,I11,I13,I20-I51)	57	4.5	0.6	6	Human immunodeficiency virus (HIV) disease (B20-B24)	369	2.9	1.8
7	Chronic lower respiratory diseases (J40-J47)	34	2.7	0.3	7	Pregnancy, childbirth and the puerperium (O00-O99)	352	2.8	1.8
8	Cerebrovascular diseases (I60-I69)	31	2.5	0.3	8	Diabetes mellitus (E10-E14)	251	2.0	1.3
9	Influenza and pneumonia (J09-J18) ^d	28	2.2	0.3	9	Cerebrovascular diseases (I60-I69)	243	1.9	1.2
10	Septicemia (A40-A41)	20	1.6	0.2	10	Septicemia (A40-A41)	171	1.4	0.9
...	All other causes (residual)	328	25.9	3.3	...	All other causes (residual)	3,318	26.3	16.6
All races, female, 15-19 years					All races, female, 35-44 years				
...	All causes	3,449	100.0	32.9	...	All causes	28,684	100.0	135.4
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,599	46.4	15.2	1	Malignant neoplasms (C00-C97)	7,207	25.1	34.0
2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	320	9.3	3.1	2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	4,743	16.5	22.4
3	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	286	8.3	2.7	3	Diseases of heart (I00-I09,I11,I13,I20-I51)	3,484	12.1	16.4
4	Malignant neoplasms (C00-C97)	275	8.0	2.6	4	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1,578	5.5	7.4
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	119	3.5	1.1	5	Cerebrovascular diseases (I60-I69)	952	3.3	4.5
6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	85	2.5	0.8	6	Human immunodeficiency virus (HIV) disease (B20-B24)	891	3.1	4.2
7	Pregnancy, childbirth and the puerperium (O00-O99)	41	1.2	0.4	7	Chronic liver disease and cirrhosis (K70,K73-K74)	877	3.1	4.1
8	Influenza and pneumonia (J09-J18) ^d	31	0.9	0.3	8	Diabetes mellitus (E10-E14)	711	2.5	3.4
8	Chronic lower respiratory diseases (J40-J47)	31	0.9	0.3	9	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	658	2.3	3.1
10	Cerebrovascular diseases (I60-I69)	30	0.9	0.3	10	Septicemia (A40-A41)	426	1.5	2.0
...	All other causes (residual)	632	18.3	6.0	...	All other causes (residual)	7,157	25.0	33.8

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, female, 45-54 years					All races, female, 65-74 years				
...	All causes	71,504	100.0	317.5	...	All causes	176,179	100.0	1,622.6
1	Malignant neoplasms (C00-C97)	24,678	34.5	109.6	1	Malignant neoplasms (C00-C97)	63,533	36.1	585.1
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	11,021	15.4	48.9	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	34,078	19.3	313.9
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	6,472	9.1	28.7	3	Chronic lower respiratory diseases (J40-J47)	15,836	9.0	145.8
4	Cerebrovascular diseases (I60-I69)	2,766	3.9	12.3	4	Cerebrovascular diseases (I60-I69)	8,623	4.9	79.4
5	Chronic liver disease and cirrhosis (K70,K73-K74)	2,441	3.4	10.8	5	Diabetes mellitus (E10-E14)	6,973	4.0	64.2
6	Chronic lower respiratory diseases (J40-J47)	2,180	3.0	9.7	6	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	3,879	2.2	35.7
7	Diabetes mellitus (E10-E14)	2,130	3.0	9.5	7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,285	1.9	30.3
8	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	2,041	2.9	9.1	8	Septicemia (A40-A41)	3,229	1.8	29.7
9	Septicemia (A40-A41)	1,179	1.6	5.2	9	Influenza and pneumonia (J09-J18) ⁴	2,800	1.6	25.8
10	Influenza and pneumonia (J09-J18) ⁴	1,009	1.4	4.5	10	Alzheimer's disease (G30)	2,460	1.4	22.7
...	All other causes (residual)	15,587	21.8	69.2	...	All other causes (residual)	31,483	17.9	290.0
All races, female, 55-64 years					All races, female, 75-84 years				
...	All causes	116,632	100.0	668.9	...	All causes	331,664	100.0	4,313.7
1	Malignant neoplasms (C00-C97)	46,549	39.9	267.0	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	80,421	24.2	1,046.0
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	20,441	17.5	117.2	2	Malignant neoplasms (C00-C97)	76,248	23.0	991.7
3	Chronic lower respiratory diseases (J40-J47)	6,679	5.7	38.3	3	Chronic lower respiratory diseases (J40-J47)	26,563	8.0	345.5
4	Diabetes mellitus (E10-E14)	4,678	4.0	26.8	4	Cerebrovascular diseases (I60-I69)	23,598	7.1	306.9
5	Cerebrovascular diseases (I60-I69)	4,607	4.0	26.4	5	Alzheimer's disease (G30)	15,953	4.8	207.5
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,891	3.3	22.3	6	Diabetes mellitus (E10-E14)	10,517	3.2	136.8
7	Chronic liver disease and cirrhosis (K70,K73-K74)	2,418	2.1	13.9	7	Influenza and pneumonia (J09-J18) ⁴	7,786	2.3	101.3
8	Septicemia (A40-A41)	2,138	1.8	12.3	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	7,316	2.2	95.2
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	2,130	1.8	12.2	9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	6,503	2.0	84.6
10	Influenza and pneumonia (J09-J18) ⁴	1,552	1.3	8.9	10	Septicemia (A40-A41)	5,828	1.8	75.8
...	All other causes (residual)	21,549	18.5	123.6	...	All other causes (residual)	70,931	21.4	922.5
All races, female, 65 years and over					All races, female, 85 years and over				
...	All causes	991,313	100.0	4,424.5	...	All causes	483,470	100.0	12,531.0
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	268,893	27.1	1,200.2	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	154,394	31.9	4,001.7
2	Malignant neoplasms (C00-C97)	188,746	19.0	842.4	2	Malignant neoplasms (C00-C97)	48,965	10.1	1,269.1
3	Cerebrovascular diseases (I60-I69)	71,819	7.2	320.6	3	Cerebrovascular diseases (I60-I69)	39,598	8.2	1,026.3
4	Chronic lower respiratory diseases (J40-J47)	64,414	6.5	287.5	4	Alzheimer's disease (G30)	39,032	8.1	1,011.7
5	Alzheimer's disease (G30)	57,445	5.8	256.4	5	Chronic lower respiratory diseases (J40-J47)	22,015	4.6	570.6
6	Diabetes mellitus (E10-E14)	27,340	2.8	122.0	6	Influenza and pneumonia (J09-J18) ⁴	16,710	3.5	433.1
7	Influenza and pneumonia (J09-J18) ⁴	27,296	2.8	121.8	7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	9,979	2.1	258.6
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	21,100	2.1	94.2	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	9,905	2.0	256.7
9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	19,767	2.0	88.2	9	Diabetes mellitus (E10-E14)	9,850	2.0	255.3
10	Septicemia (A40-A41)	15,384	1.6	68.7	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	8,082	1.7	209.5
...	All other causes (residual)	229,109	23.1	1,022.6	...	All other causes (residual)	124,940	25.8	3,238.3

See footnotes at end of table.